PSM Resources

PBL CoP

Product Support Analytical Tools

Life-Cycle Logistics ACQuipedia

LOG 465 Executive PSM Course

DAP Logistics Blog

Product Support Guidebooks

LOG CoP

PSM Toolkit

Continuous Learning Modules

IPS Implementation Roadmap

Continuous Learning Center

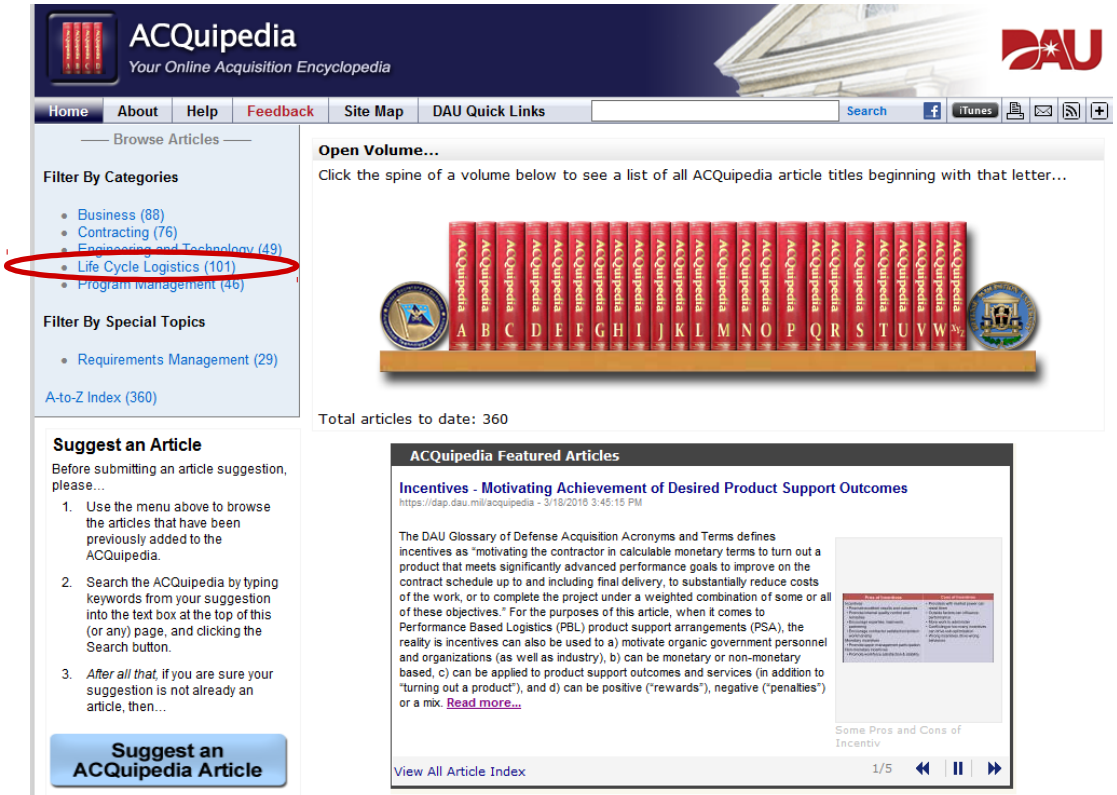
- **341 Web-based Continuous Learning (CL) Modules**
  - ***54 Life Cycle Logistics***
  - ***52 Harvard Business School Leadership & Mgmt. Modules***
- **Topics include PSM, PBL, BCA, PPP, LCM, DMSMS, LCSP, IPS Elements, Supportability Analysis, Depot Mx, Disposal**
- **1-6 Hours in duration**

CLC Home
Point Credit
Policy & Guidance
CL Modules
Training Courses
Conferences & Symposiums
Publish
Professional Activities
Continuous Learning for the Defense Acquisition Workforce
Defense Acquisition Workforce members must acquire 80 Continuous Learning Points (CLP) every two years from the date of entry into the acquisition workforce for as long as the member remains in an acquisition position per DoD Instruction 5000.66. Members are encouraged to set a goal of achieving 40 CLPs within any 12 month period.
Point Credit
Tracking Points
Policy & Guidance
How to Earn Continuous Learning Points
Training Courses
CL Modules
Publish
Professional Activities
Conferences & Symposiums
Gaming & Simulation
Useful Links
Request Procedures
Courseware System Requirements
Continuous Learning modules brochure
Harvard ManageMentor module topics
Harvard ManageMentor modules brochure
DAP Blogs - Recent Posts
Best Value Contracting Forum
Registration Now Open for January 13-15, 2015 DoD Product Support Manager's (PSM) Workshop
Defense Pricing and Industry Dialogue "Best Value Contracting: Getting to the Right Price"
Maintaining a Competitive Environment throughout the Lifecycle
Senate Report on Defense Acquisition Reform: Where Do We Go From Here?

http://www.dau.mil/clc

ACQuipedia

- **389 Articles to-date**
  - ***101 Life Cycle Logistics***
- **Links to policies, guidance, tools & training**
- **Tight alig with CL**


ACQuipedia
Your Online Acquisition Encyclopedia
Home
About
Help
Feedback
Site Map
DAU Quick Links
Search
Browse Articles
Filter By Categories
Business (88)
Contracting (76)
Life Cycle Logistics (101)
Program Management (46)
Filter By Special Topics
Requirements Management (29)
A-to-Z Index (360)
Suggest an Article
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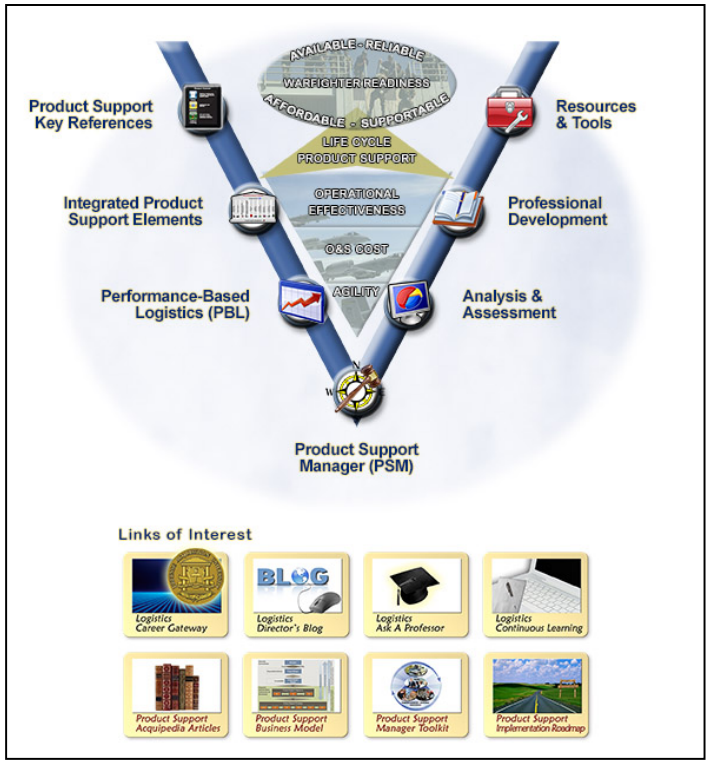
1. Use the menu above to browse the articles that have been previously added to the ACQuipedia.
2. Search the ACQuipedia by typing keywords from your suggestion into the text box at the top of this (or any) page, and clicking the Search button.
3. After all that, if you are sure your suggestion is not already an article, then…
Suggest an ACQuipedia Article
Open Volume…
Click the spine of a volume below to see a list of all ACQuipedia article titles beginning with that letter…
Total articles to date: 360
ACQuipedia Featured Articles
Incentives - Motivating Achievement of Desired Product Support Outcomes
https://dap.dau.mil/acquipedia - 3/18/2016 3:45:15 PM
The DAU Glossary of Defense Acquisition Acronyms and Terms defines incentives as "motivating the contractor in calculable monetary terms to turn out a product that meets significantly advanced performance goals to improve on the contract schedule up to and including final delivery, to substantially reduce costs of the work, or to complete the project under a weighted combination of some or all of these objectives." For the purposes of this article, when it comes to Performance Based Logistics (PBL) product support arrangements (PSA), the reality is incentives can also be used to a) motivate organic government personnel and organizations (as well as industry), b) can be monetary or non-monetary based, c) can be applied to product support outcomes and services (in addition to "turning out a product"), and d) can be positive ("rewards"), negative ("penalties") or a mix. Read more...
Some Pros and Cons of Incentiv
View All Article Index
1/5

https://dap.dau.mil/acquipedia/Pages/Defaul

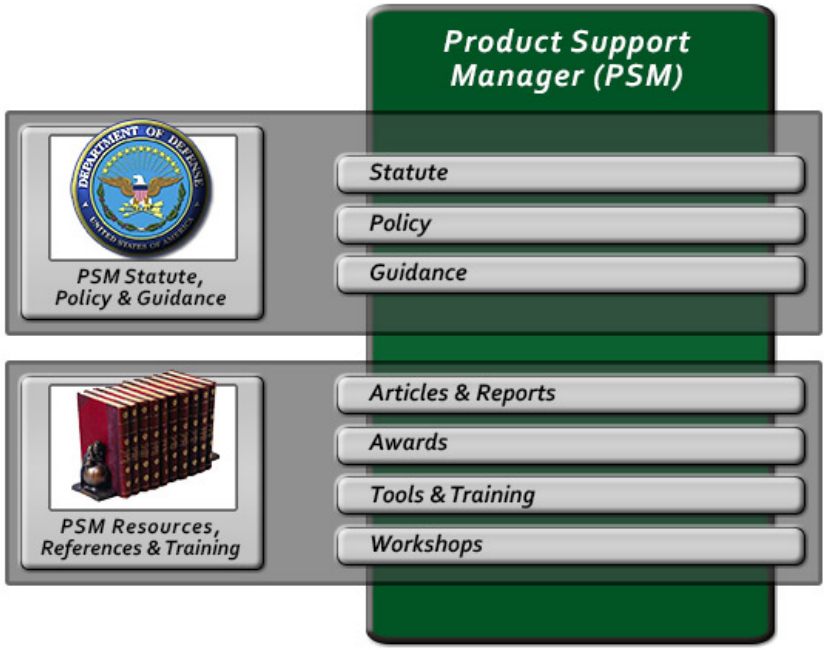
Communities of Practice: Logistics (LOG CoP) & PBL (PBL Co

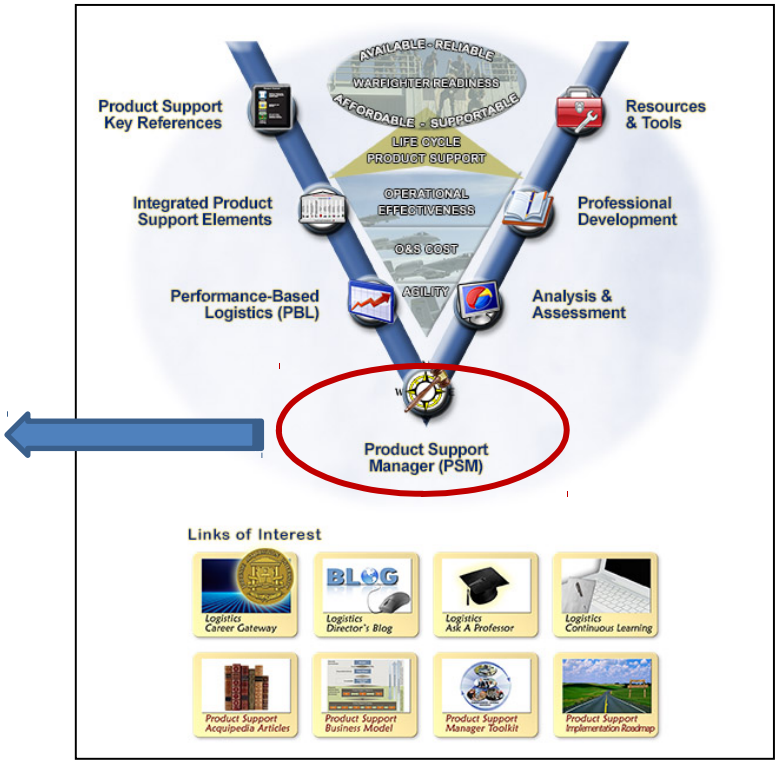


https://acc.dau.mil.log

https://acc.dau.mil.pbl

Product Support Manager (PSM) Site





Shortcut Link:
https://acc.dau.mil/psm

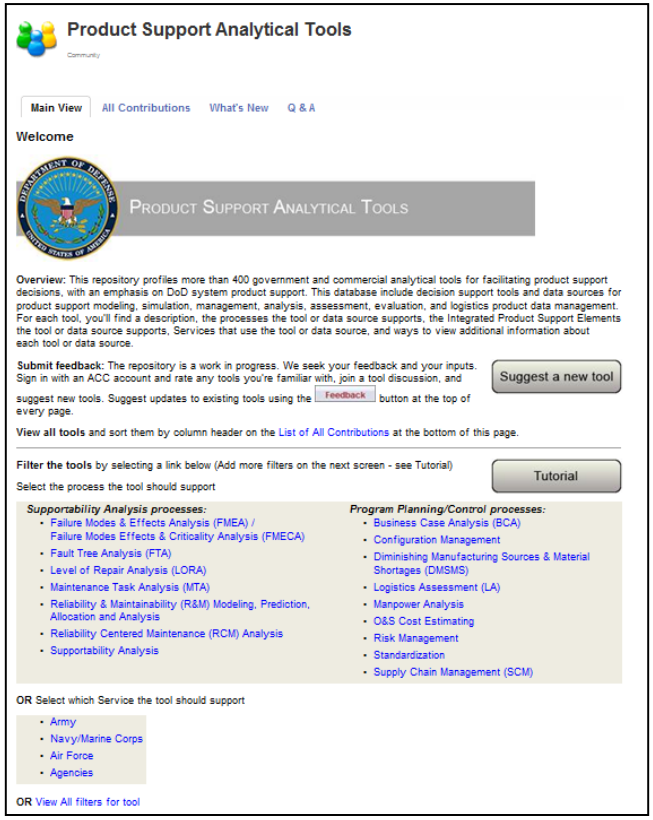
PSM Toolkit

- **Web-based**
- **Aligns with DoD PSM Guidebook at https://acc.dau.mil/psm-guidebook**
- **Detailed information, resources & references for each [illegible] Step [illegible] Product Support**

https://acc.dau.mil/psmtoolkit

Product Support Analytical Tools Database

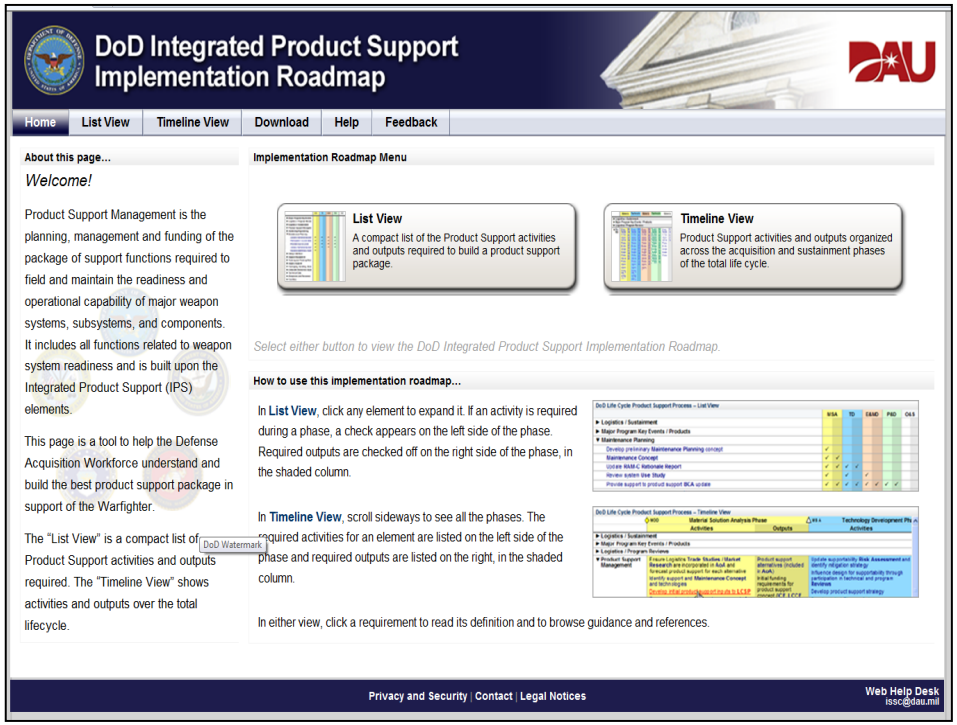
- **Profiles more than 450 government & commercial tools used to facilitate DoD product support decisions**
- **Includes decision support tools and data sources for product support modeling, simulation, management, analysis, assessment & evaluation**
- **Each tool has a description, processes the tool supports, IPS Elements the tool supports, and applicable Service**


Product Support Analytical Tools
Main View
All Contributions
What's New
Q & A
Welcome
PRODUCT SUPPORT ANALYTICAL TOOLS
Overview: This repository profiles more than 400 government and commercial analytical tools for facilitating product support decisions, with an emphasis on DoD system product support. This database include decision support tools and data sources for product support modeling, simulation, management, analysis, assessment, evaluation, and logistics product data management. For each tool, you'll find a description, the processes the tool or data source supports, the Integrated Product Support Elements the tool or data source supports, Services that use the tool or data source, and ways to view additional information about each tool or data source.
Submit feedback: The repository is a work in progress. We seek your feedback and your inputs. Sign in with an ACC account and rate any tools you're familiar with, join a tool discussion, and suggest new tools. Suggest updates to existing tools using the Feedback button at the top of every page.
Suggest a new tool
View all tools and sort them by column header on the List of All Contributions at the bottom of this page.
Filter the tools by selecting a link below (Add more filters on the next screen - see Tutorial)
Tutorial
Select the process the tool should support
Supportability Analysis processes:
Failure Modes & Effects Analysis (FMEA) / Failure Modes Effects & Criticality Analysis (FMECA)
Fault Tree Analysis (FTA)
Level of Repair Analysis (LORA)
Maintenance Task Analysis (MTA)
Reliability & Maintainability (R&M) Modeling, Prediction, Allocation and Analysis
Reliability Centered Maintenance (RCM) Analysis
Supportability Analysis
Program Planning/Control processes:
Business Case Analysis (BCA)
Configuration Management
Diminishing Manufacturing Sources & Material Shortages (DMSMS)
Logistics Assessment (LA)
Manpower Analysis
O&S Cost Estimating
Risk Management
Standardization
Supply Chain Management (SCM)
OR Select which Service the tool should support
Army
Navy/Marine Corps
Air Force
Agencies
OR View All filters for tool

https://acc.dau.mil/psa-tools

DoD Integrated Product Support Implementation Roadmap

- **List View** of key activities & outputs required to build a product support package
- **Timeline View** of product support activities across the life cycle
- **By IPS Element**
- **By DoD**


DoD Integrated Product Support Implementation Roadmap
Home
List View
Timeline View
Download
Help
Feedback
About this page...
Welcome!
Product Support Management is the planning, management and funding of the package of support functions required to field and maintain the readiness and operational capability of major weapon systems, subsystems, and components. It includes all functions related to weapon system readiness and is built upon the Integrated Product Support (IPS) elements.
This page is a tool to help the Defense Acquisition Workforce understand and build the best product support package in support of the Warfighter.
The "List View" is a compact list of Product Support activities and outputs required. The "Timeline View" shows activities and outputs over the total lifecycle.
Implementation Roadmap Menu
List View
A compact list of the Product Support activities and outputs required to build a product support package.
Timeline View
Product Support activities and outputs organized across the acquisition and sustainment phases of the total life cycle.
Select either button to view the DoD Integrated Product Support Implementation Roadmap.
How to use this implementation roadmap...
In List View, click any element to expand it. If an activity is required during a phase, a check appears on the left side of the phase. Required outputs are checked off on the right side of the phase, in the shaded column.
In Timeline View, scroll sideways to see all the phases. The required activities for an element are listed on the left side of the phase and required outputs are listed on the right, in the shaded column.
In either view, click a requirement to read its definition and to browse guidance and references.
Privacy and Security | Contact | Legal Notices
Web Help Desk
issc@dau.mil

https://dap.dau.mil/dodpsroadmap/Pages/Defa

DAU Additive Manufacturing (3D Printing) Learning Assets

- **Additive Manufacturing Community of Practice (AM CoP) at** https://acc.dau.mil/am
  - Interdisciplinary focus - logistics, manufacturing, engineering, acquisition law
- **Additive Manufacturing ACQuipedia Article on the Defense Acquisition Portal**
- **Twenty-six Additive Manufacturing training video**

www.dau.mil | May-June 2014
Defense
AT&L
Acquisition, Technology and Logistics
A PUBLICATION OF THE DEFENSE ACQUISITION UNIVERSITY
3D Printing
How Much Will It Improve the DoD Supply Chain of the Future?
Protecting the Future
By the Under Secretary of Defense for Acquisition, Technology and Logistics
Predicting Weapon Effects for Defense and Homeland Security
Integrated Cost Analysis Teams
How ICATs Support Better Buying Power 2.0

DAP Logistics Director's Blo

- **Defense Acquisitio Portal (DAP)**

  https://dap.dau.mil

Defense Acquisition Portal
Your One-Stop Source for Acquisition Information and Tools
DAP Quick Links
Better Buying Power Gateway

- **Logistics Career Field Gateway**

  https://dap.dau.mil/career/log

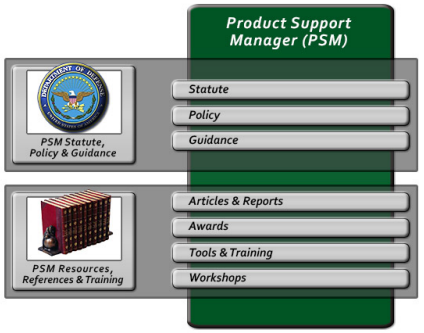
- **DAU Logistics & Sustainment Center Director's Blog**

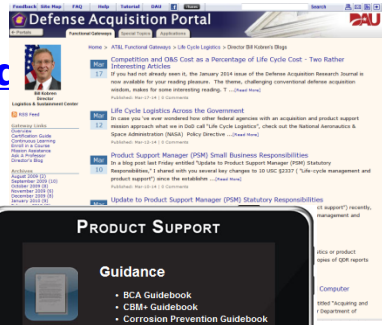
LOG 465
Executive PSM Course

- **Two-week executive-level course for ACAT I/II DoD**
- **Diverse mix of Army, Navy, USMC, and Air Force PSMs**
- **Themes: PSM roles & responsibilities, proven practices, developing and implementing affordable & effective product support strategies**
- **Focus: Enhancing PSM success fielding & sustaining systems within framework of 10 U.S.C. §2337 statutory & DoD policy**
- **PSMs create customized Stakeholder Tactical Engagement Plan (STEP) and a Professional Development Plan (PDP)**
- **Things to be Aware of**
  - **Mandated by Principal Deputy ASD(L&MR) February 1, 2016 memo "DoD PSM Mandatory Training Requirement"**
  - **Offered quarterly at DAU Ft Belvoir campus**
  - **Attendees nominated and approved by Services prior to registering**
  - **Wide-range of industry, DoD, Service and DAU guest speakers**
  - **Course piloted in April 2014, deployed as LOG 365 in August 2014**
  - **Re-designated LOG 465 in October 2015**

Targeted DoD Product Support Resources

- **Tools & Resources**
  - Logistics Community of Practice (LOG CoP) https://ac
  - PBL Community of Practice (PBL CoP) https://acc.dau
  - Product Support Key References https://acc.dau.mil/p
  - PSM Reference Repository https://acc.dau.mil/psm
  - Life Cycle Sustainment Plan (LCSP) Outline https://ac outline
  - Product Support Manager (PSM) Toolkit https://acc.dau.mil/psmtoolkit
  - Product Support Analytical Tools Database https//acc.dau.mil/psa-tools
  - Product Support Implementation Roadmap https://dap.dau.mil/dodpsroadmap/Pages/Default.aspx
  - Integrated Product Support (IPS) Element Site https://acc.d
  - Logistics & Sustainment Director's Blog https://dap.dau.mil/career/log/blog
- **Guidebooks**
  - Product Support Manager's (PSM) Guidebook https://acc.dau.mil/psm-guidebook
  - Performance Based Logistics (PBL) Guidebook https://acc.dau.mil/pbl-guidebook
  - O&S Cost Management Guidebook https://acc.dau.mil/cos
  - Defense Acquisition Guidebook (DAG) https://dag.dau.mil/pages/default.aspx
  - Business Case Analysis (BCA) Guidebook https://acc.dau.mil/bca-

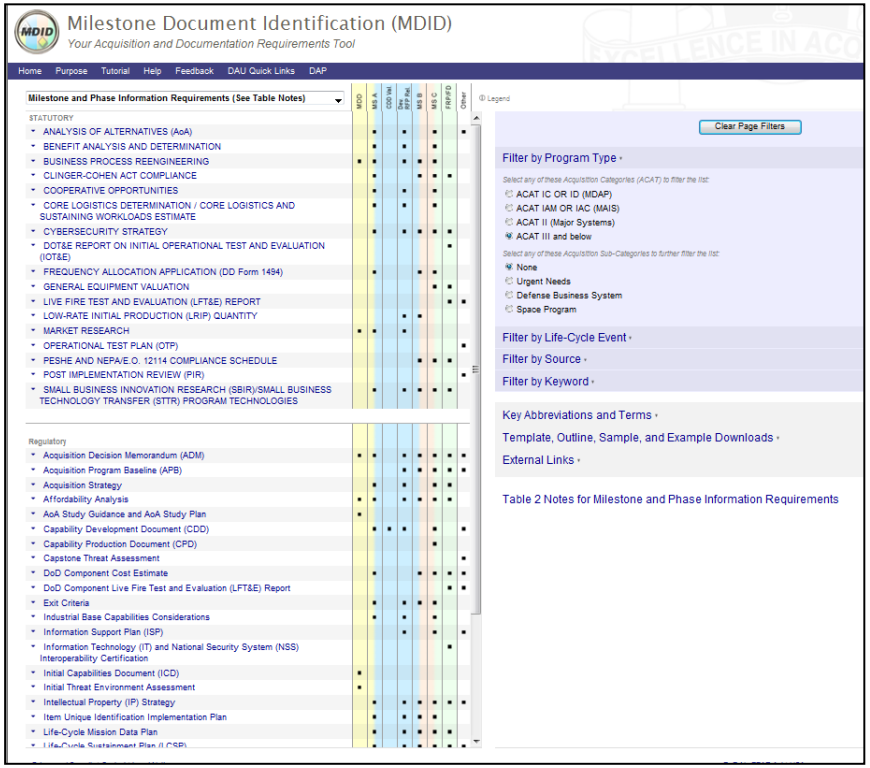




BACKUP SLIDES

Milestone Documentation Identification (MDID) Tool

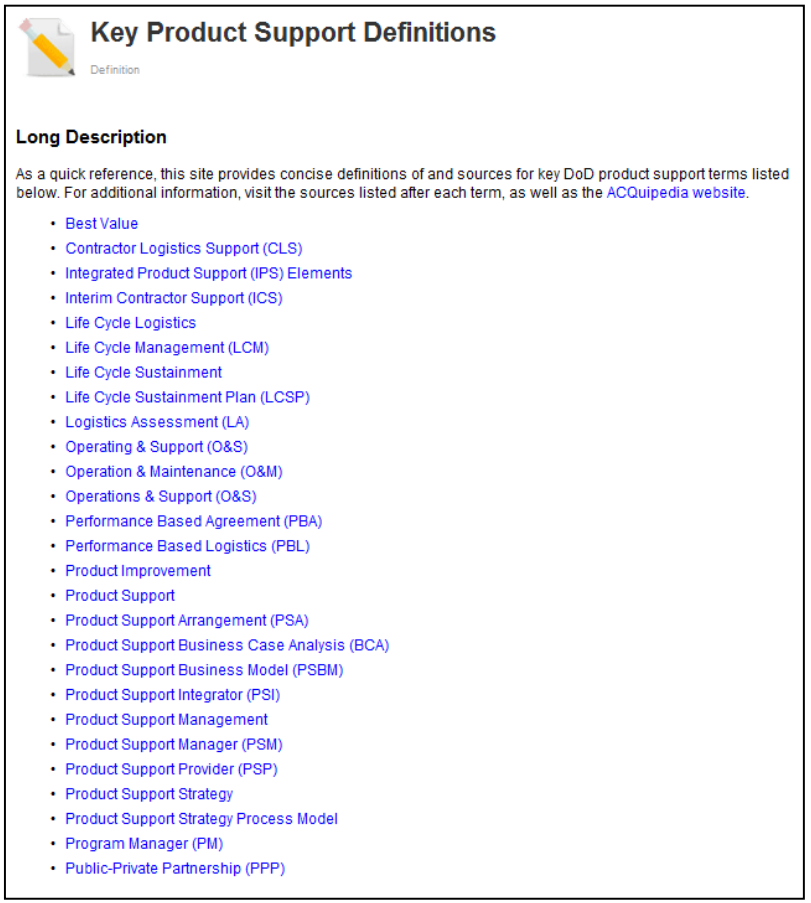
- **Identifies documentation required by both statute and policy**
- **Sort by milestone or Acquisition Category (ACAT)**
- **Sort by Acquisition Subcategories such as Urgent Needs, Defense Business System, and Space Pro**



https://dap.dau.mil/mdid/Pages/Default.a

Key Product Support Definitions

- Authoritative definitions of key product support terms
- Each term hyperlinked directly to statutory and/or DoD policy source(s)
- Linked to ACQuipedia article on topic where



Key Product Support Definitions

Definition

Long Description

As a quick reference, this site provides concise definitions of and sources for key DoD product support terms listed below. For additional information, visit the sources listed after each term, as well as the ACQuipedia website.

- Best Value
- Contractor Logistics Support (CLS)
- Integrated Product Support (IPS) Elements
- Interim Contractor Support (ICS)
- Life Cycle Logistics
- Life Cycle Management (LCM)
- Life Cycle Sustainment
- Life Cycle Sustainment Plan (LCSP)
- Logistics Assessment (LA)
- Operating & Support (O&S)
- Operation & Maintenance (O&M)
- Operations & Support (O&S)
- Performance Based Agreement (PBA)
- Performance Based Logistics (PBL)
- Product Improvement
- Product Support
- Product Support Arrangement (PSA)
- Product Support Business Case Analysis (BCA)
- Product Support Business Model (PSBM)
- Product Support Integrator (PSI)
- Product Support Management
- Product Support Manager (PSM)
- Product Support Provider (PSP)
- Product Support Strategy
- Product Support Strategy Process Model
- Program Manager (PM)
- Public-Private Partnership (PPP)

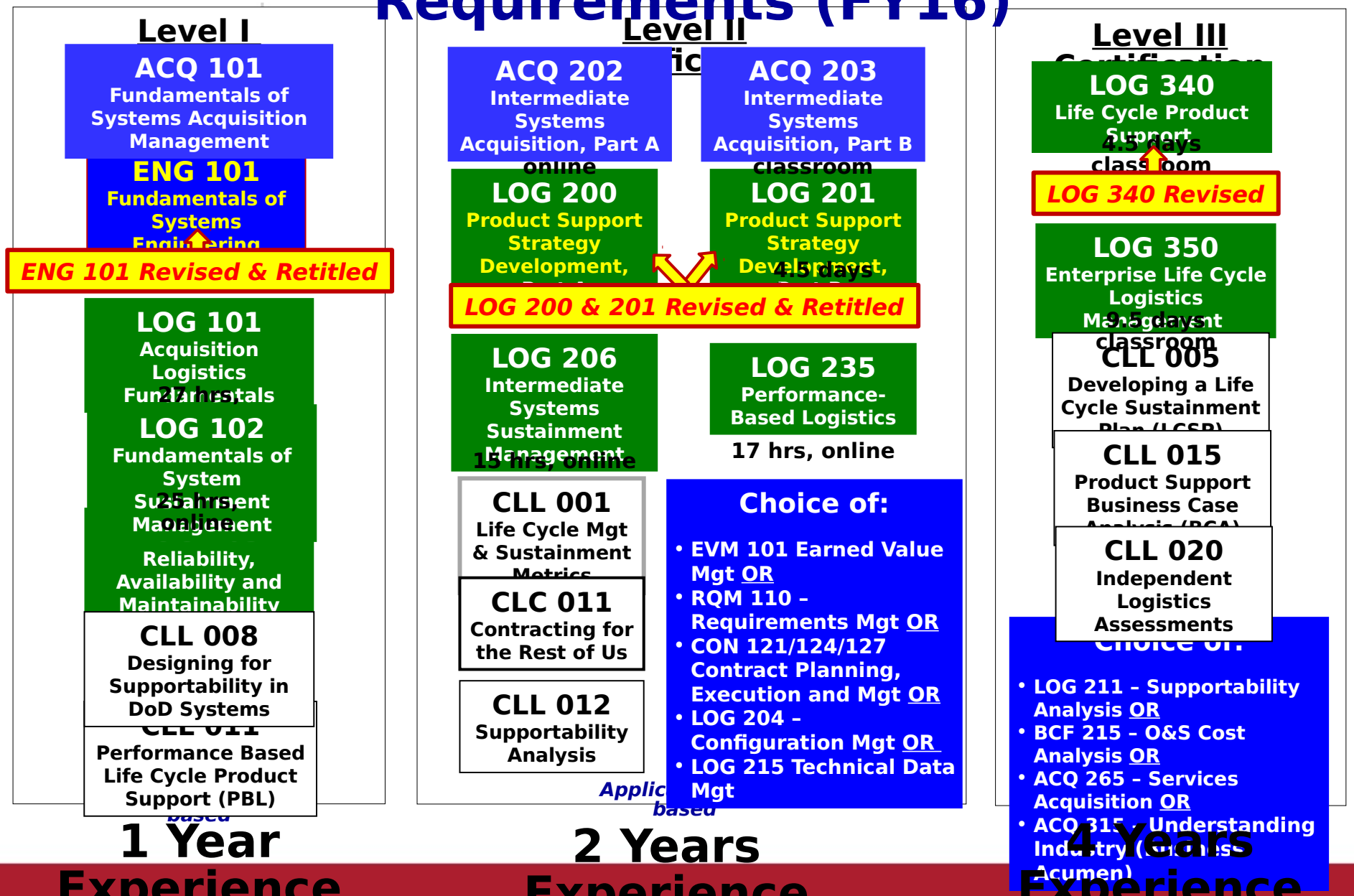
https://acc.dau.mil/CommunityBrowser.aspx?id=6

Product Support Manager (PSM

10 U.S.C. § 2337 PSM Responsibilities & Resources

- Develop and implement a **comprehensive product support strategy**
  - PSM Guide– https://acc.dau.mil/psm-guidebook
  - LCSP Outline – https://acc.dau.mil/lcsp-outline
- Use appropriate predictive analysis & modeling - **improve availability & reliability, reduce O&S costs**
  - Analytical Tools Database – https://acc.dau.mil/psa-tools
  - Analysis & Assessment - https://acc.dau.mil/analysis
- Conduct cost analyses to **validate product support strategy**, including cost-benefit analyses
  - PSM Guide– https://acc.dau.mil/psm-guidebook
  - Resources & Tools - https://acc.dau.mil/logtools
  - BCA Guide – https://acc.dau.mil/bca-guidebook
- Ensure achievement of desired product support outcomes through **appropriate product support arrangements**;
  - PSM Guide – https://acc.dau.mil/psm-guidebook
  - Resources & Tools - https://acc.dau.mil/logtools
  - PBL Guide – https://acc.dau.mil/mil/pbl-guidebook
- Adjust performance requirements & resource allocations across **product support integrators (PSI) & product support providers (PSP) to optimize implementation of product support strategy**;
  - PSM Guide – https://acc.dau.mil/psm-guidebook
  - PBL Guide – https://acc.dau.mil/mil/pbl-guidebook
- Periodically review product support arrangements between PSIs & PSPs to ensure the **arrangements are consistent with product support strategy**;
  - PSM Guide – https://acc.dau.mil/psm-guidebook
  - PBL Guide – https://acc.dau.mil/mil/pbl-guidebook
  - LA Guide – https://acc.dau.mil/la-guidebook
- Prior to change in product support strategy or every five years, **revalidate business-case analysis** of the product support strategy;
  - BCA Guide – https://acc.dau.mil/bca-guidebook
  - Resources & Tools - https://acc.dau.mil/logtools
- Ensure product support strategy **maximizes small business participation** at appropriate tiers
  - Small Business CoP – https://acc.dau.mil/smallbusiness
  - CON 260 – https://icatalog.dau.mil/onlinecatalog/tabnavs.aspx
  - PSM Guide – https://acc.dau.mil/psm-guidebook
- Ensure product support arrangements for the weapon system describe how
  - PBL Guide– https://acc.dau.mil/mil/pbl-guidebook
  - IPS Element Guide – https://acc.dau.mil/ips-guidebook
  - DMSMS Knowledge Portal – https://acc.dau.mil/dmsms
  - Supply IPS Element - https://acc.dau.mil/ips
  - Analytical Tools Database – https://acc.dau.mil/psa-tools
  - Analysis & Assessment - https://acc.dau.mil/analysis

Life Cycle Logistics DAWIA Certification Requirements (FY16)



Required for LCL DAWIA Certification

54 Life Cycle Logistics CL Modules

New Modules Deployed 2014-2015

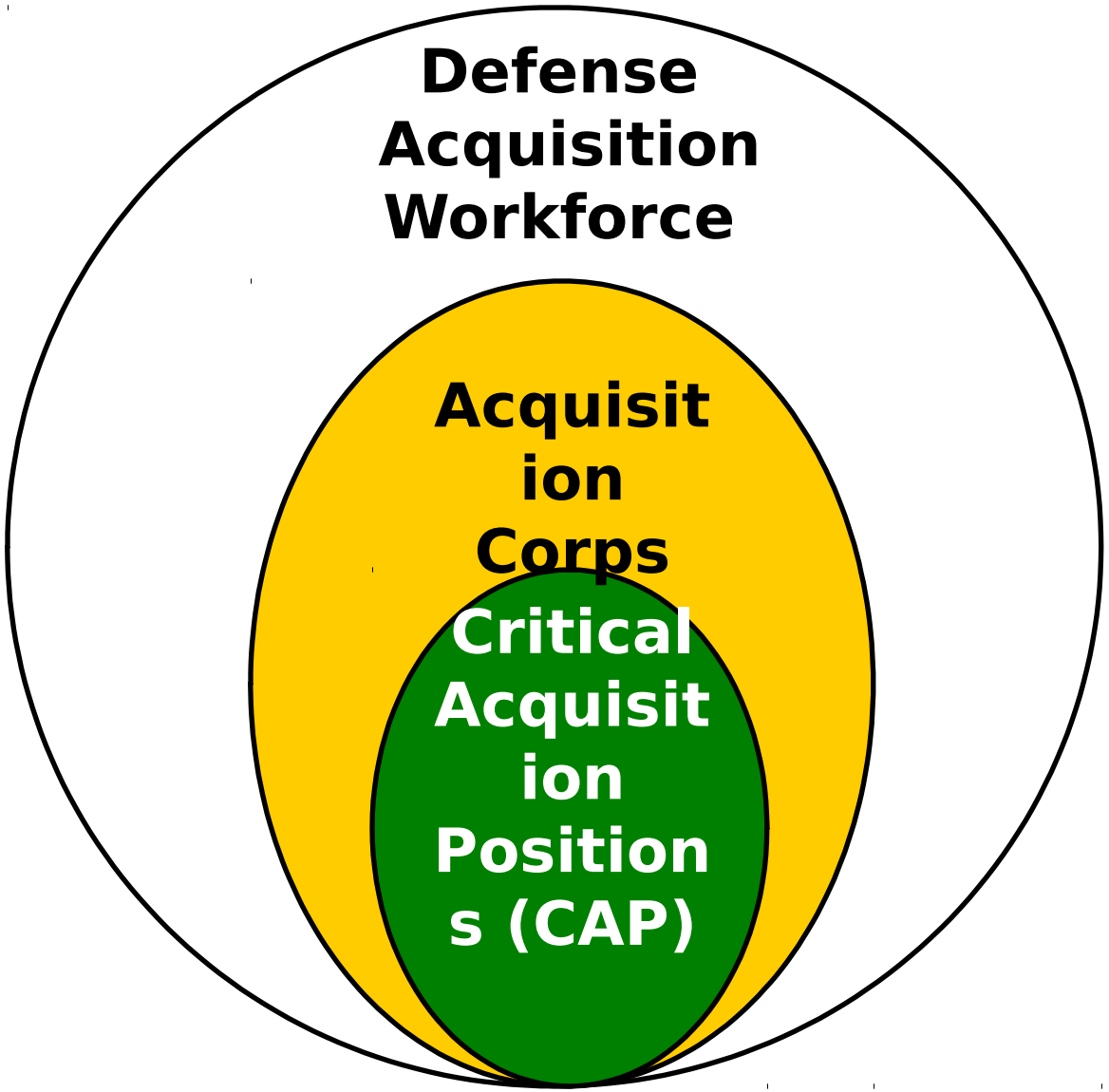
Module	Title
CLL 001	Life Cycle Management & Sustainment Metrics
CLL 002	Defense Logistics Agency Support To The PM
CLL 003	Supportability Test & Evaluation
CLL 004	Life Cycle Logistics for the Rest of Us
CLL 005	Developing a Life Cycle Sustainment Plan (LCSP)
CLL 006	Depot Maintenance Partnering
CLL 007	Lead-Free Electronics Impact on DoD Programs
CLL 008	Designing for Supportability in DoD Systems
CLL 011	Performance Based Logistics (PBL)
CLL 012	Supportability Analysis
CLL 013	DoD Packaging
CLL 015	Business Case Analysis (BCA)
CLL 016	Joint Logistics
CLL 017	Introduction to Defense Distribution
CLL 018	Joint Deployment Distribution Operations Center
CLL 019	Technology Refreshment Planning
CLL 020	Independent Logistics Assessments (ILA)
CLL 021	Product Support Arrangements (PSA)
CLL 022	Title 10 Depot Maintenance Statute Overview
CLL 023	Title 10 USC 2464 Core Statute Implementation
CLL 024	Title 10 Limitations on Performance of Depot Level Maintenance (50/50)
CLL 025	Depot Maintenance Interservice Support Agreements
CLL 026	Depot Maintenance Capacity Measurement
CLL 027	Depot Source of Repair (DSOR) Determination *(FUTURE)*
CLL 029	Condition Based Maintenance (CBM+)
CLL 030	Reliability Centered Maintenance (RCM)
CLL 031	Performance Based Logistics Contracting Strategies
CLL 032	Preventing Counterfeit Parts from Entering the DoD Supply

Module	Title
CLL 033	Logistician's Responsibilities During Technical Reviews
CLL 034	US Army SSN-LIN Automated Management & Integrating System (SLAMIS)
CLL 035	O&S Cost Estimating for the Product Support Manager
CLL 036	Product Support Manager (PSM)
CLL 037	DoD Supply Chain Management Fundamentals
CLL 038	Provisioning & Cataloging
CLL 039	Product Support & Sustainment Requirements Identification
CLL 040	Business Case Analysis (BCA) Tools
CLL 041	Life Cycle Cost (LCC) Analysis Tools
CLL 042	Supportability Analysis Techniques, Procedures & Tools
CLL 043	Green Logistics: Planning for Sustainability
CLL 045	Designing for Transportability
CLL 046	The Twelve Integrated Product Support (IPS) Elements
CLL 051	System Retirement, Reclamation, Demil & Materiel Disposition
CLL 056	Sustainment of Software Intensive Systems
CLL 057	Level of Repair Analysis (LORA) - Introduction
CLL 058	Level of Repair Analysis (LORA) - Theory & Principles
CLL 059	Sustaining Engineering
CLL 062	Counterfeit Prevention Awareness
CLL 113	Packaging of Hazardous Materials *(FUTURE)*
CLL 119	Technology Refreshment Implementation
CLL 120	Introduction to the DoD Shelf Life Program
CLL 201	DMSMS Fundamentals
CLL 202	DMSMS Executive Course
CLL 203	DMSMS Essentials for DLA
CLL 204	DMSMS Case Studies
CLL 205	DMSMS for Technical Professionals

PSM KLP Requirements

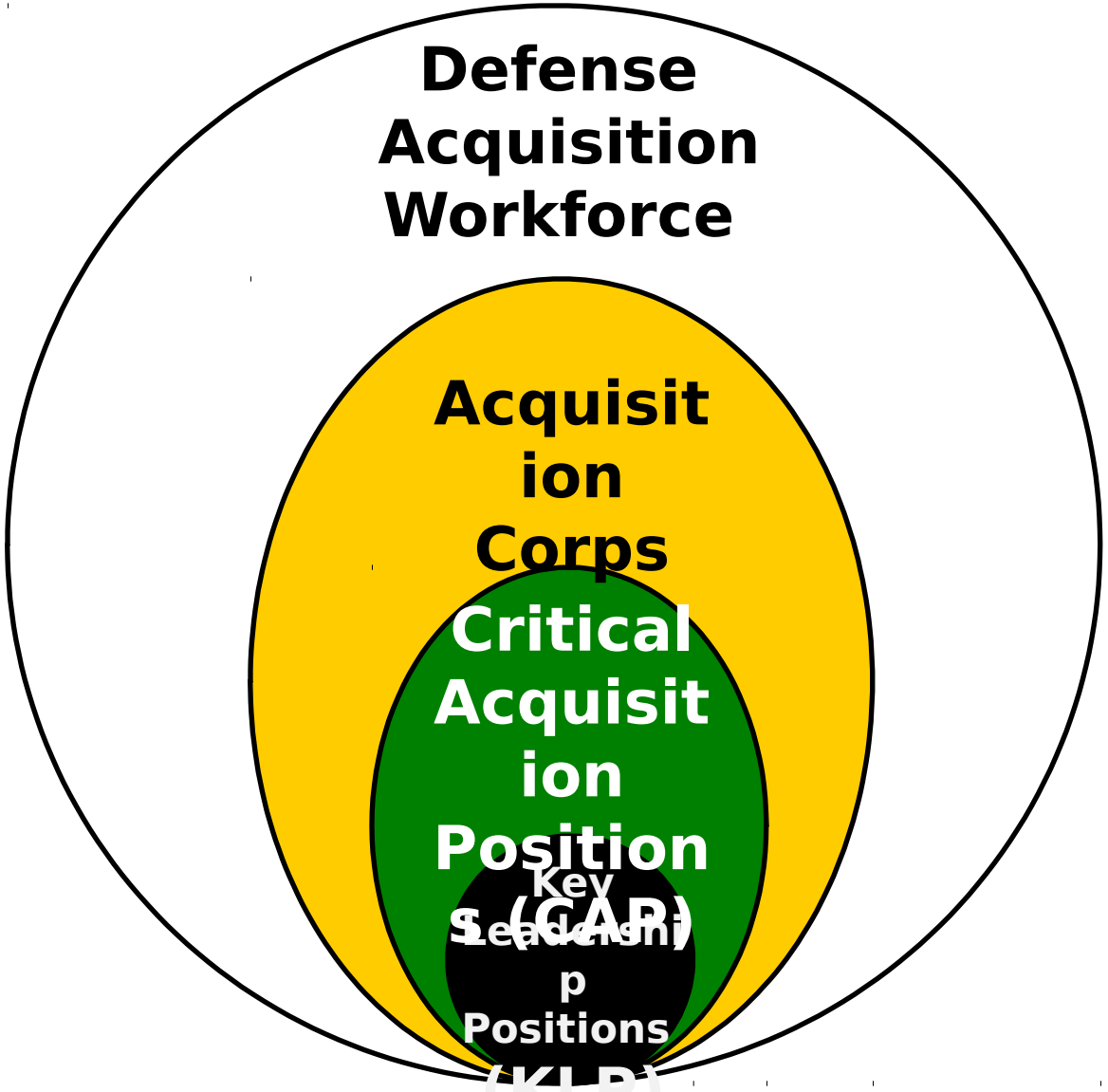
- **Education:**
  - **Bachelor's degree (Required)**
  - **Advanced Degree, Joint PME, Certificate Program in SE, Business or SCM (Preferred)**
- **Training:**
  - **LOG 465 (Required)**
  - **Executive/Strategic Leadership/Development Training such as ACQ 405 Exec Refresher Training, PMT 401 PM, ACQ 450-453 Leadership courses (Required)**
  - **Cross-certification at DAWIA Level II or higher in PM, Engineering, or Business/Financial Management (Preferred)**
- **Experience:**
  - **8 yrs exp LCL with at least 2 yrs in a program office or similar org and 2 yrs supervisory or team lead experience at GS-13/14/15 level. (Required)**
  - **Cross functional/portfolio assignment/rotation. Broadening assignment at Service HQs/OSD/Joint/Industry/Operational/MAJCOM/PEO Staff (Preferred)**
- **Competencies:**
  - **Demonstrated knowledge and proficiency in program execution, technical management , business management (Required)**
- **Currency:**
  - **80 hrs continuous learning including 30 hrs LCL every two years (Required)**
  - **10 hrs cross functional training (Required)**
  - **10 hrs executive leadership (Required)**

PSM Positions



- **PSM for Major Weapon Systems (ACAT II) designated as a CAP**

PSM Positions



- **PSM for Major Weapon Systems (ACAT II) designated as a CAP**
- **PSM for Major Defense**